

	L #	Hits	Type	Search Text	DBs
1	L1	57	BRS	matsuda.in. near2 yoshibumi.in.	USPA T; US-P GPUB ; EPO; JPO; DERW ENT; IBM_ TDB
2	L2	570	BRS	koji.in. near2 sakamoto.in.	USPA T; US-P GPUB ; EPO; JPO; DERW ENT; IBM_ TDB
3	L3	86	BRS	tetsuya.in. near2 kanbe.in.	USPA T; US-P GPUB ; EPO; JPO; DERW ENT; IBM_ TDB
4	L4	31	BRS	yotsuo.in. near2 yahisa.in.	USPA T; US-P GPUB ; EPO; JPO; DERW ENT; IBM_ TDB

	L #	Hits	Type	Search Text	DBs
5	L5	695	BRS	1 2 3 4	USPA T; US-P GPUB ; EPO; JPO; DERW ENT; IBM_ TDB
6	L6	69427	BRS	magnetic adj recording adj (medium media disk disc)	USPA T; US-P GPUB ; EPO; JPO; DERW ENT; IBM_ TDB
7	L7	114	BRS	5 and 6	USPA T; US-P GPUB ; EPO; JPO; DERW ENT; IBM_ TDB
8	L8	21071	BRS	nita ni-ta tani ta-ni	USPA T; US-P GPUB ; EPO; JPO; DERW ENT; IBM_ TDB

	L #	Hits	Type	Search Text	DBs
9	L9	12	BRS	7 and 8	USPA T; US-P GPUB ; EPO; JPO; DERW ENT; IBM_ TDB
10	L10	63406 2	BRS	ru	USPA T; US-P GPUB ; EPO; JPO; DERW ENT; IBM_ TDB
11	L11	33	BRS	7 and 10	USPA T; US-P GPUB ; EPO; JPO; DERW ENT; IBM_ TDB
12	L12	28	BRS	11 not 9	USPA T; US-P GPUB ; EPO; JPO; DERW ENT; IBM_ TDB

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TITLE: MAGNETIC RECORDING MEDIUM AND METHOD  
FOR MANUFACTURING  
THE SAME

PUBN-DATE: January 10, 2003

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ABSTRACT:

PROBLEM TO BE SOLVED: To provide a magnetic recording medium for a magnetic storage apparatus, in which information can be recorded/reproduced at a high-density, and in which the deterioration of the reproduced signal due to the thermal demagnetization is little.

SOLUTION: In the magnetic recording medium, in which a first under film to be formed on a nonmagnetic substrate consists of a NiTa alloy

being nonmagnetic  
and having an amorphous structure, and in which a second  
under film thereon  
consists of an alloy at least including Cr and Ti, and in  
which a first  
magnetic film thereon consisting of a CoCrPt alloy, a  
nonmagnetic intermediate  
film consisting of Ru, and a second magnetic film consisting  
of a CoCrPtB alloy  
are serially formed, oxygen locally exists on the interface  
between the first  
under film and the second under film. The noise which arises  
from the medium  
is reduced, a high S/N is obtained, and the magnetic storage  
apparatus with a  
high recording density equal to or more than 46.5 Mbits per 1  
mm

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